

Powershell scripting

Variables

Variables are declared like this

```
$test = "something"
```

Execute scripts

So for security reasons the default policy for executing scripts is **Restricted**. Here are the different script-policies.

Restricted: PowerShell won't run any scripts. This is PowerShell's default execution policy.

AllSigned: PowerShell will only run scripts that are signed with a digital signature. If you run a script signed by a publisher PowerShell hasn't seen before, PowerShell will ask whether you trust the script's publisher.

RemoteSigned: PowerShell won't run scripts downloaded from the Internet unless they have a digital signature, but scripts not downloaded from the Internet will run without prompting. If a script has a digital signature, PowerShell will prompt you before it runs a script from a publisher it hasn't seen before.

Unrestricted: PowerShell ignores digital signatures but will still prompt you before running a script downloaded from the Internet.

Source: <http://windowsitpro.com/powershell/running-powershell-scripts-easy-1-2-3>

So if we want to run script `myscript.ps1` we have to set the execution-policy. First let's check what execution-policy we currently have:

```
Get-ExecutionPolicy
```

Then we can set the execution policy like this

```
set-ExecutionPolicy unrestricted
```

References

<https://github.com/samratashok/nishang> <https://www.youtube.com/watch?v=czJrXiLs0wM>